MANITOBA TRADE

WITH THE UNITED STATES

1998

MBS 99-10

PRICE: $50

JULY 1999

Manitoba
Bureau of
Statistics

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EXECUTIVE SUMMARY

DATA HIGHLIGHTS: 1998

In 1998, Manitoba merchandise exports to the United States were $6,063 million. Agricultural exports to the United States were $699 million (11.5%), while non-agricultural exports were $5,364 million (88.5%).

Exports to the United States represented 76.0% of Manitoba's total foreign exports. Agricultural products exported to the United States were 39.6% of the total agricultural exports. In contrast, non-agricultural products exported to the United States accounted for 86.3% of the total non-agricultural exports.

The largest merchandise exports were to: Minnesota ($1,106 million), North Dakota ($527 million), Michigan ($474 million), Illinois ($410 million), and Washington state ($393 million). These five states accounted for 48.0% of all merchandise exports to the United States during 1998.

Manitoba imports from the United States were $7,447 million in 1998, comprising 86.2% of total foreign imports. Imports from Illinois were $1,070 million, accounting for 14.4% of the total. Other major import states were: Minnesota ($871 million), Wisconsin ($470 million), Iowa ($426 million) and Ohio ($340 million). These five states accounted for 42.7% of Manitoba's merchandise imports from the United States during 1998.

Exports of aircraft parts were $449 million (7.4%), making it the largest export commodity group out of approximately 1,250 classifications at the four-digit level. The next largest commodity groups were unrefined copper at $365 million (6.0%) and electrical energy at $356 million (5.9%). The top ten export commodity groups accounted for 43.1% of Manitoba exports, while the top fifty accounted for more than 75.7% of Manitoba's exports in 1998.

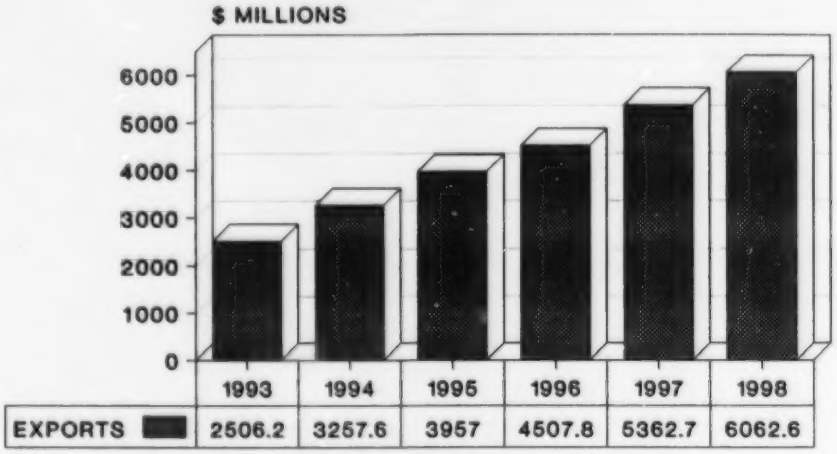
The top import commodity classification, at the four digit level of the Harmonized System, was motor vehicle parts and accessories with $343 million (4.6%), followed by personal motor vehicles and tractors at $283 million (3.8%) and $269 million (3.6%) respectively. The top ten import commodity groups accounted for 28.1% of total Manitoba imports, while the top fifty commodity groups accounted for 56.9% during 1998.

Primary industry exports were $1,052 million, 17.4% of total exports. Within this sector, agriculture accounted for $699 million, Mining $347 million and Fishing, Hunting and Trapping $6 million. Manufacturing exports were $4,491 million, 74.1% of total exports. The largest manufacturing exporting subsectors were: Transportation Equipment industries ($992 million), Machinery industries ($695 million), Food industries ($570 million), Primary Metals industries ($509 million) and Wood industries ($341 million). These five subsectors account for 51.3% of total 1998 exports.

Primary industry imports from the United States during 1998 were $220 million (3.0% of total imports), while manufactured goods imports were $7,076 million (95.0% of total imports).

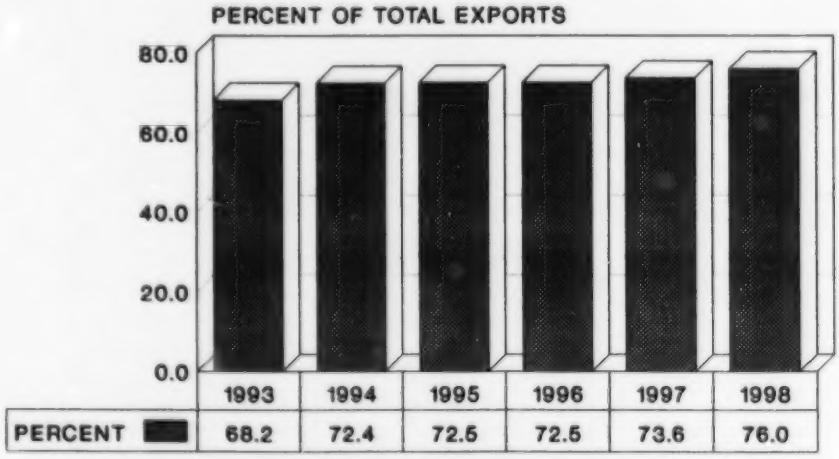
In 1998, Manitoba's sales to the United States accounted for an average of 81 cents for every dollar worth of goods we bought from them. For individual sectors, this ratio was $4.64 in Agriculture industries and $0.63 for the Manufacturing sector.

MANITOBA EXPORTS TO THE UNITED STATES 1993 TO 1998



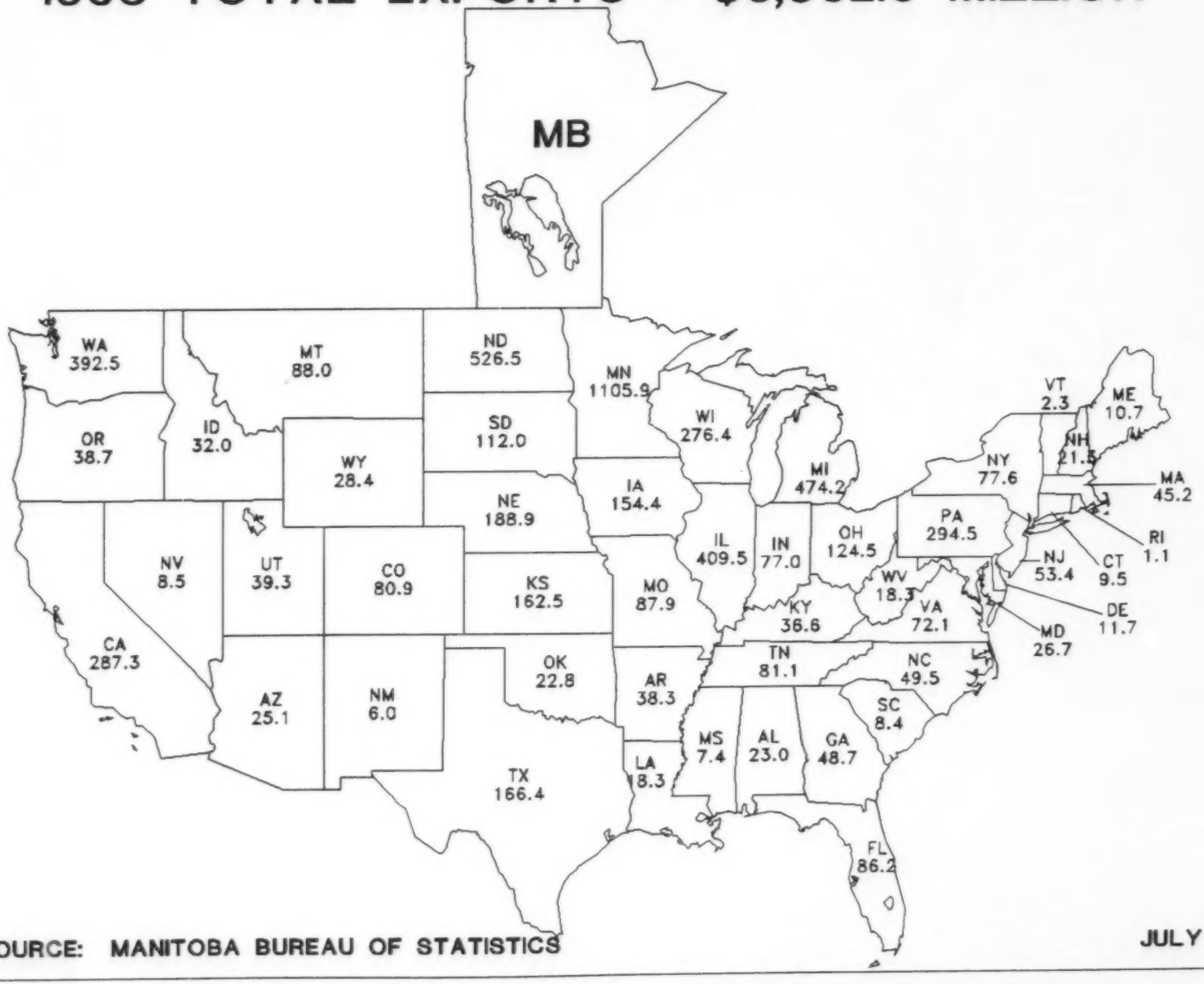
DATA SOURCE: MBS TRADE STATISTICS
JULY 1999

MANITOBA EXPORTS TO THE UNITED STATES 1993 TO 1998



DATA SOURCE: MBS TRADE STATISTICS
JULY 1999

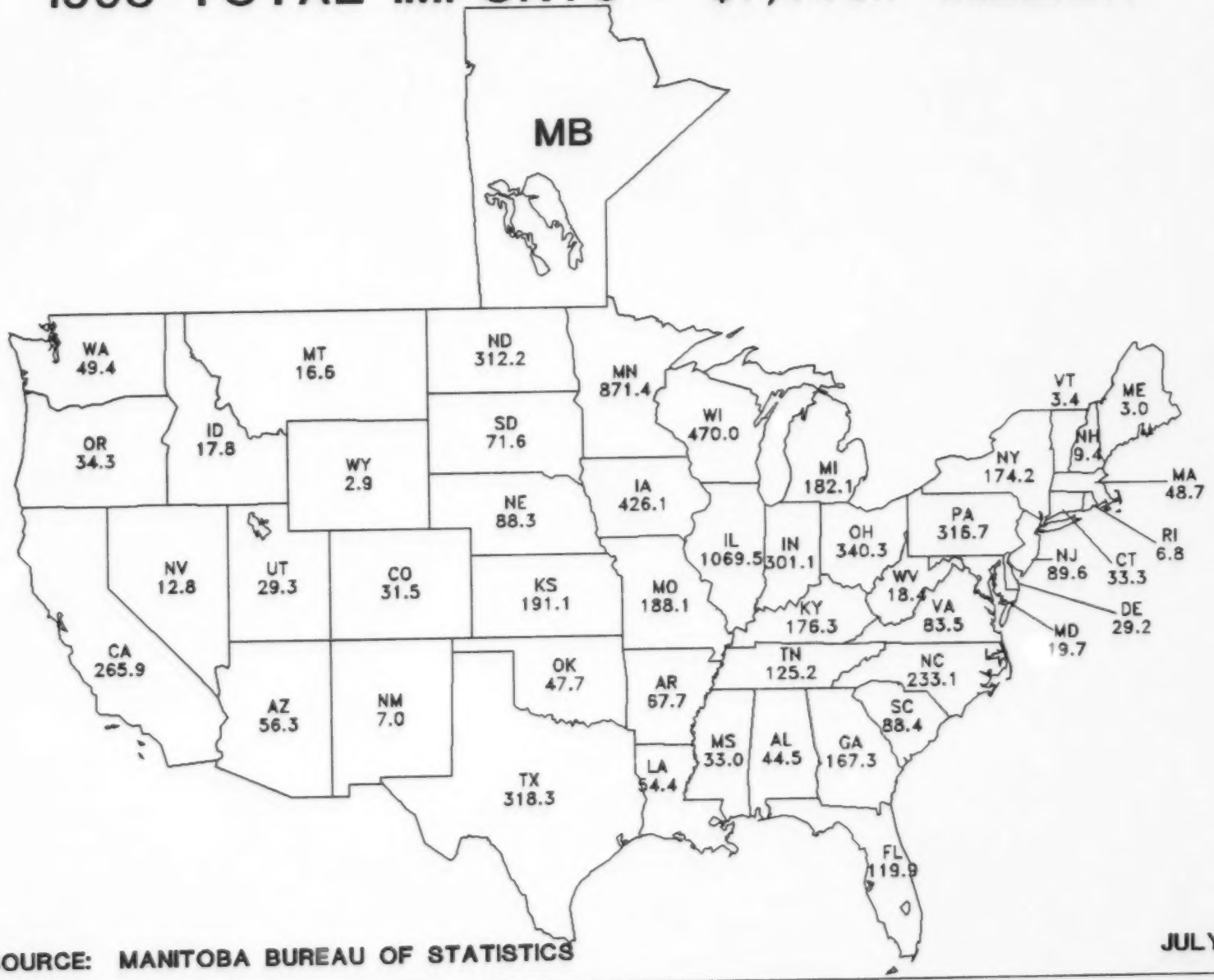
MANITOBA EXPORTS TO THE UNITED STATES
1998 TOTAL EXPORTS = $6,062.6 MILLION



DATA SOURCE: MANITOBA BUREAU OF STATISTICS

JULY 1999

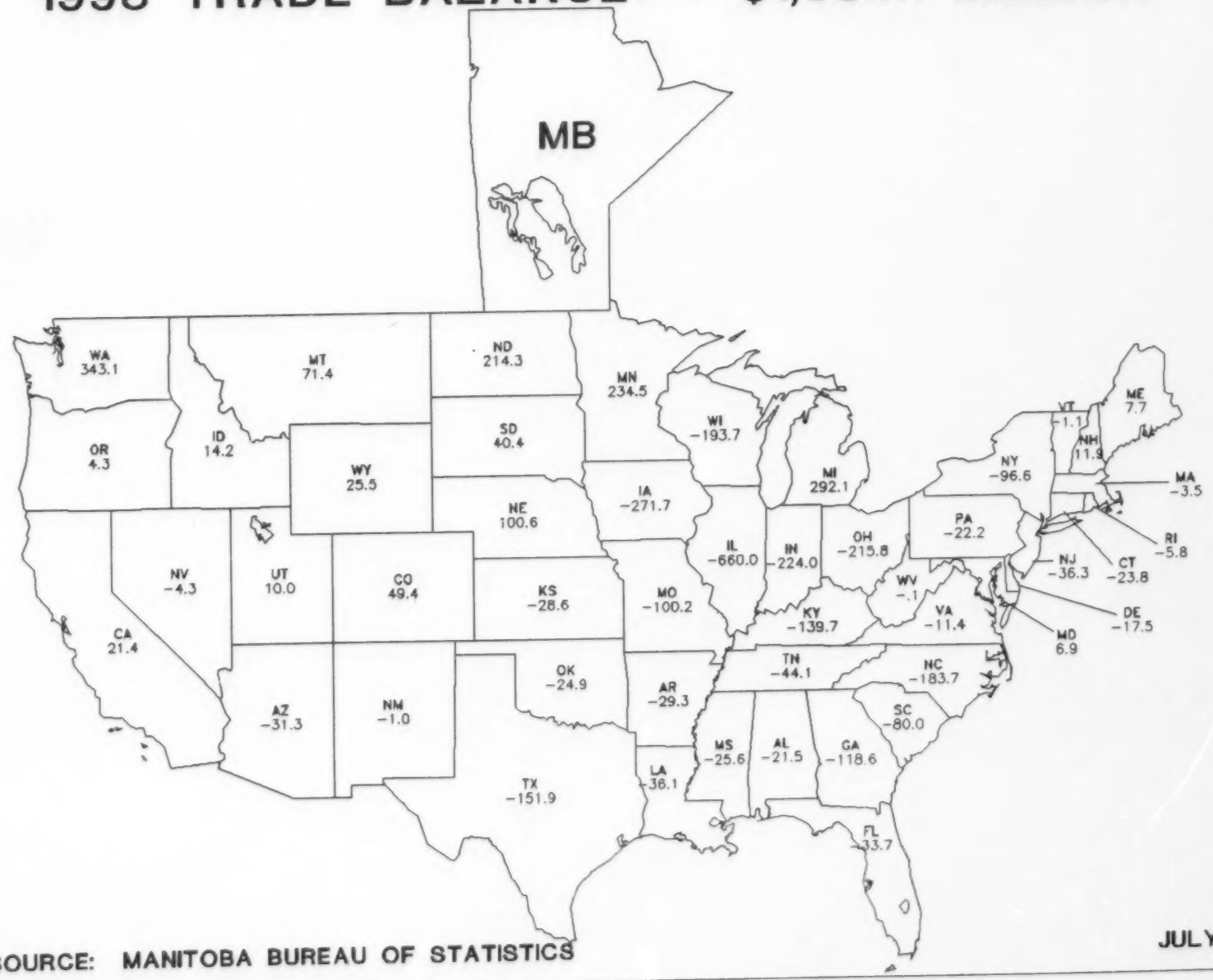
MANITOBA IMPORTS FROM THE UNITED STATES
1998 TOTAL IMPORTS = $7,446.7 MILLION



DATA SOURCE: MANITOBA BUREAU OF STATISTICS

JULY 1999

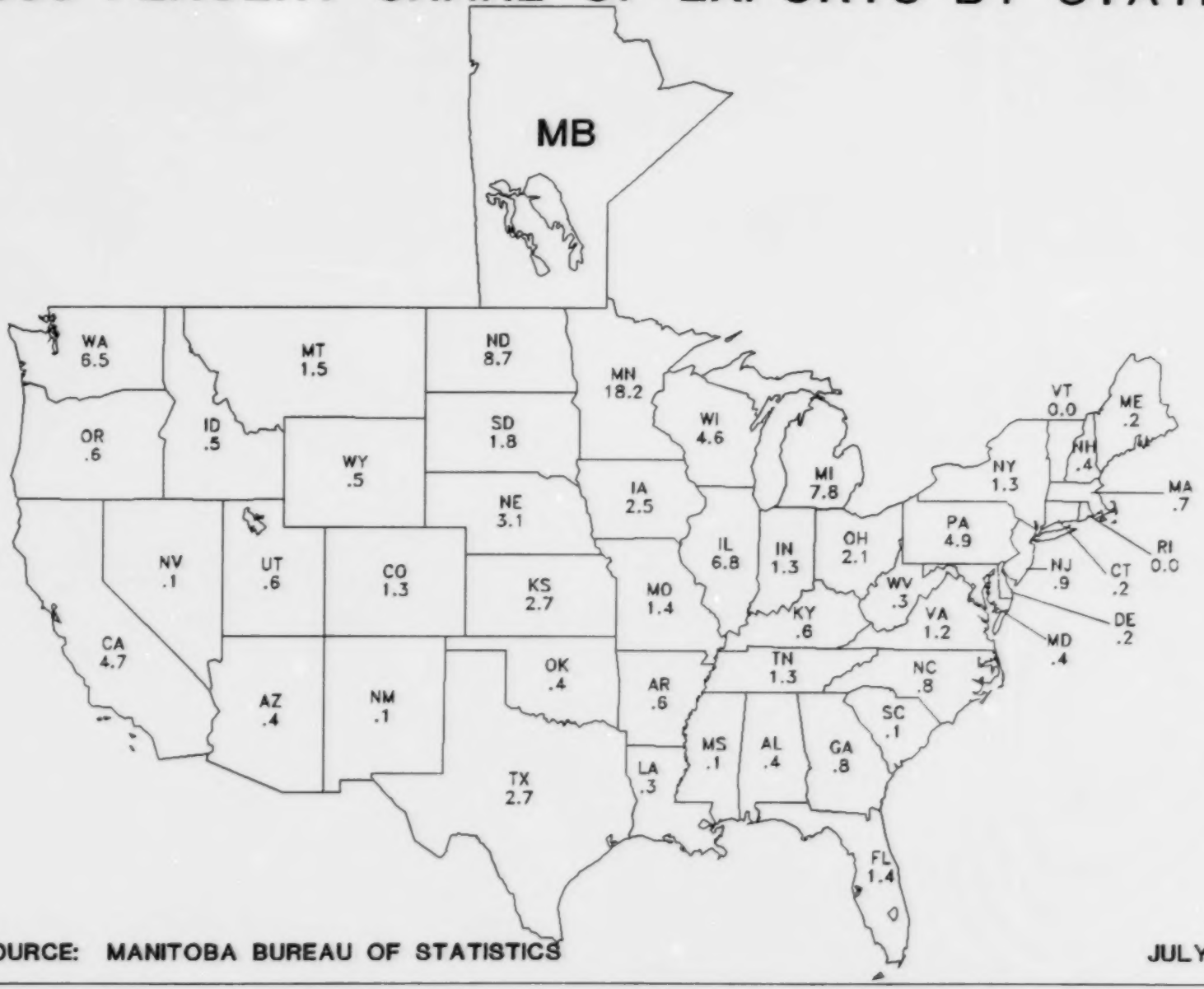
MANITOBA TRADE WITH THE UNITED STATES
1998 TRADE BALANCE= - $1,384.1 MILLION



DATA SOURCE: MANITOBA BUREAU OF STATISTICS

JULY 1999

MANITOBA EXPORTS TO THE UNITED STATES
1998 PERCENT SHARE OF EXPORTS BY STATE



DATA SOURCE: MANITOBA BUREAU OF STATISTICS

JULY 1999

INTRODUCTION:

This report has been prepared by the Manitoba Bureau of Statistics (MBS) as part of its economic statistics program. Its purpose is to provide information for Manitoba on the importance and impact of international merchandise trade.

This publication provides international merchandise trade data by state, commodity and industry. The information is from Statistics Canada's International Trade Division.

Users should be aware that the export data is on a "province of origin" basis, while the import data is on a "province of clearance" basis. Therefore, a significant quantity of imports from other countries are not counted as they are cleared through custom ports in other provinces and then shipped to Manitoba (MBS would count these as interprovincial imports). This implies that the trade balances calculated for individual states could overstate Manitoba's actual position.

All commodity data presented in this report are based on the Harmonized System (HS) which was adopted for both exports and imports in 1988.

The Manitoba Bureau of Statistics has available additional detailed information, which can be supplied to interested users on a cost recovery basis. Export/Import information that can be provided includes:

(i) individual commodities for specific states

(ii) individual commodities by state (volume and dollar value) at the 4, 6, 8, or 10 digit HS level

(iii) commodities by state for specific industries or sectors.

For answers or further information, please contact Marcel Chartier at (204) 945-2991.

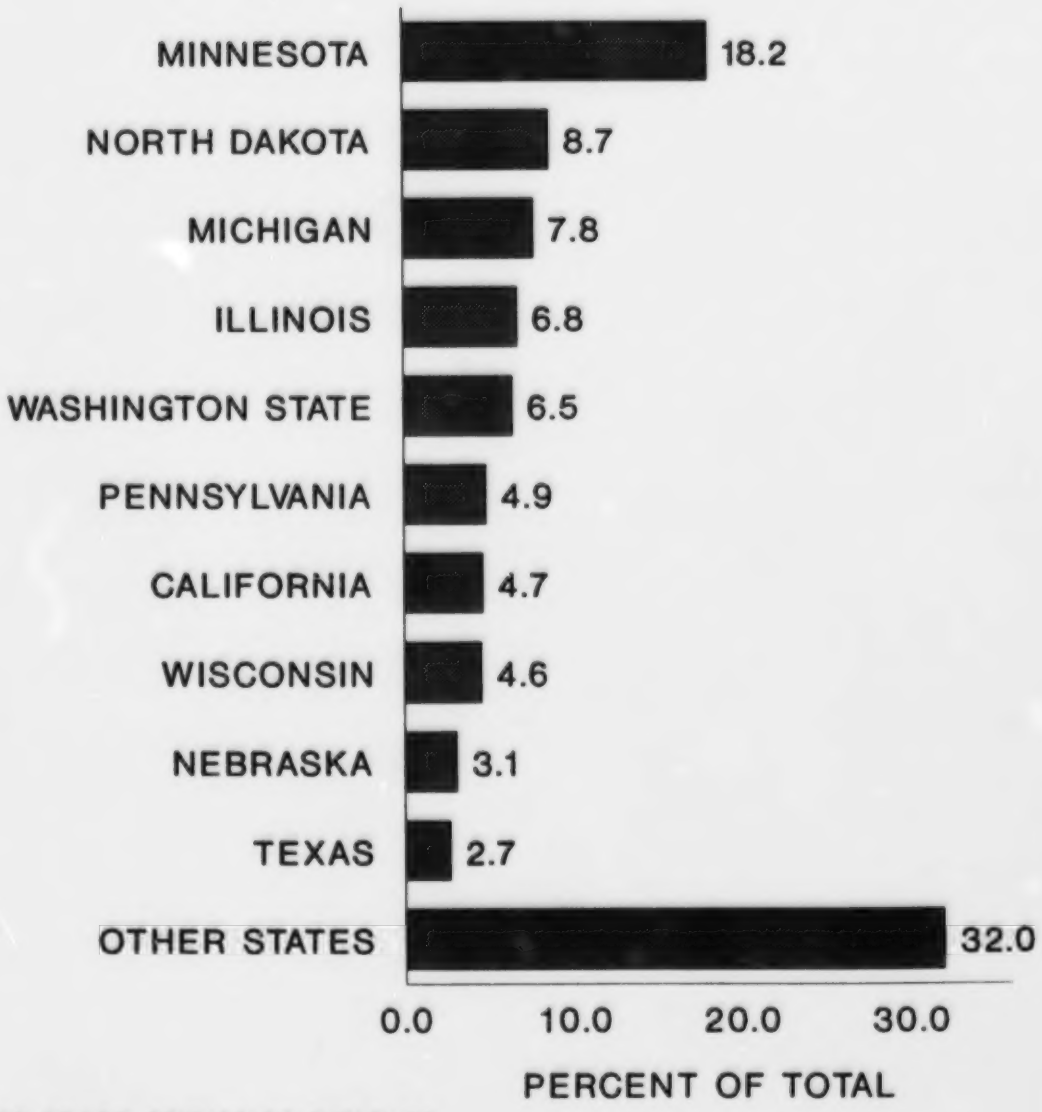
NOTE TO USERS:

This publication contains the revised trade information for 1996 to 1998. The 1998 information is preliminary and subject to revision in March, 2000.

The presented export and import information is as released by Statistics Canada. MBS has made no revisions to Statistics Canada's cereal grains, oil seeds or crude petroleum export values for Manitoba. MBS adjusts the value of exports for these commodities in its Manitoba Economic Accounts. These adjustments are undertaken to better reflect the value of the foreign export of these commodities to the provincial economy.

MBS has made one adjustment to the import statistics released by Statistics Canada. Commodities classified as "Imports from Canada" are excluded from this trade report.

CHART 1
MANITOBA EXPORTS
TO THE UNITED STATES - 1998



MBS TRADE STATISTICS DATABASE
JULY 1999

Table 1

Manitoba Exports
To the United States by State
1996 - 1998

State	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change	Percent of Total
Alabama	17.3	26.0	23.0	-11.5	0.4
Alaska	6.7	3.2	5.5	69.9	0.1
Arizona	20.9	23.3	25.1	7.7	0.4
Arkansas	36.3	46.0	38.3	-16.8	0.6
California	193.1	255.8	287.3	12.3	4.7
Colorado	74.9	72.0	80.9	12.4	1.3
Connecticut	9.9	20.3	9.5	-53.3	0.2
Delaware	6.9	7.2	11.7	62.4	0.2
Florida	40.9	69.9	86.2	23.3	1.4
Georgia	53.8	61.0	48.7	-20.1	0.8
Hawaii	2.7	2.1	2.4	18.3	0.0
Idaho	20.3	23.8	32.0	34.8	0.5
Illinois	307.3	398.8	409.5	2.7	6.8
Indiana	55.5	56.2	77.0	36.9	1.3
Iowa	116.4	154.6	154.4	-0.2	2.5
Kansas	50.8	98.0	162.5	65.8	2.7
Kentucky	21.8	28.0	36.6	30.6	0.6
Louisiana	15.9	20.4	18.3	-10.1	0.3
Maine	5.7	9.8	10.7	8.9	0.2
Maryland	20.3	21.3	26.7	25.1	0.4
Massachusetts	26.5	41.4	45.2	9.3	0.7
Michigan	119.6	304.6	474.2	55.7	7.8
Minnesota	937.8	1,033.1	1,105.9	7.0	18.2
Mississippi	6.2	8.7	7.4	-15.0	0.1
Missouri	46.0	64.4	87.9	36.5	1.4
Montana	90.3	164.1	88.0	-46.4	1.5
Nebraska	114.8	154.8	188.9	22.0	3.1
Nevada	13.2	12.9	8.5	-34.1	0.1
New Hampshire	19.6	23.0	21.3	-7.1	0.4
New Jersey	56.8	52.8	53.4	1.1	0.9
New Mexico	4.4	4.2	6.0	42.0	0.1
New York	71.8	78.1	77.6	-0.7	1.3
North Carolina	40.1	49.4	49.5	0.1	0.8
North Dakota	522.5	510.4	526.5	3.2	8.7
Ohio	104.1	109.1	124.5	14.1	2.1
Oklahoma	16.7	20.2	22.8	12.7	0.4
Oregon	28.4	32.7	38.7	18.2	0.6
Pennsylvania	419.6	302.8	294.5	-2.8	4.9
Rhode Island	0.8	1.1	1.1	-1.9	0.0
South Carolina	4.9	8.8	8.4	-4.7	0.1
South Dakota	132.0	115.4	112.0	-3.0	1.8
Tennessee	54.4	63.4	81.1	28.0	1.3
Texas	152.4	153.7	166.4	8.3	2.7
Utah	18.1	30.2	39.3	29.9	0.6
Vermont	1.8	2.8	2.3	-17.7	0.0
Virginia	13.6	40.9	72.1	76.1	1.2
Washington, state	198.7	259.8	392.5	51.1	6.5
West Virginia	7.5	5.9	18.3	209.3	0.3
Wisconsin	145.6	221.9	276.4	24.6	4.6
Wyoming	9.7	36.3	28.4	-21.6	0.5
Dist. of Columbia	1.1	3.8	6.5	73.6	0.1
Other State(1)	51.6	54.0	91.0	68.5	1.5
TOTAL EXPORTS	**4,507.8**	**5,382.7**	**6,062.6**	**13.1**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note: (1) Unallocatable exports as well as exports to Puerto Rico and the US Virgin Islands

CHART 2
MANITOBA IMPORTS
FROM THE UNITED STATES - 1998

MBS TRADE STATISTICS DATABASE
JULY 1999

Table 2

Manitoba Imports
From the United States by State
1996 - 1998

State	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change	Percent of Total
Alabama	51.5	49.3	44.5	-9.7	0.6
Alaska	3.5	2.2	2.5	10.7	0.0
Arizona	19.8	35.1	56.3	60.7	0.8
Arkansas	51.5	57.9	67.7	16.9	0.9
California	194.1	222.2	265.9	19.7	3.6
Colorado	26.5	35.6	31.5	-11.3	0.4
Connecticut	26.3	30.9	33.3	7.7	0.4
Delaware	44.5	36.8	29.2	-20.7	0.4
Florida	81.4	103.1	119.9	16.3	1.6
Georgia	90.0	118.0	167.3	41.8	2.2
Hawaii	0.3	0.1	0.3	102.8	0.0
Idaho	45.5	18.3	17.8	-2.8	0.2
Illinois	779.5	932.3	1,069.5	14.7	14.4
Indiana	206.2	253.1	301.1	19.0	4.0
Iowa	237.3	383.6	426.1	11.1	5.7
Kansas	122.8	156.2	191.1	22.3	2.6
Kentucky	131.3	167.6	176.3	5.1	2.4
Louisiana	25.4	51.3	54.4	6.2	0.7
Maine	5.5	3.8	3.0	-21.5	0.0
Maryland	23.0	17.3	19.7	13.8	0.3
Massachusetts	52.5	41.8	48.7	16.6	0.7
Michigan	139.0	131.2	182.1	38.8	2.4
Minnesota	753.1	825.3	871.4	5.6	11.7
Mississippi	19.9	24.7	33.0	33.7	0.4
Missouri	101.8	115.8	188.1	62.4	2.5
Montana	21.1	31.8	16.6	-47.8	0.2
Nebraska	70.1	81.1	88.3	9.0	1.2
Nevada	5.3	5.9	12.8	116.2	0.2
New Hampshire	8.3	26.8	9.4	-64.9	0.1
New Jersey	53.5	78.8	89.6	13.7	1.2
New Mexico	5.8	5.8	7.0	21.5	0.1
New York	156.3	164.7	174.2	5.8	2.3
North Carolina	108.1	158.8	233.1	46.8	3.1
North Dakota	223.0	258.0	312.2	21.0	4.2
Ohio	279.5	314.9	340.3	8.1	4.6
Oklahoma	41.3	47.7	47.7	-0.1	0.6
Oregon	31.8	30.7	34.3	11.7	0.5
Pennsylvania	213.3	246.1	316.7	28.7	4.3
Rhode Island	3.1	4.2	6.8	64.4	0.1
South Carolina	55.0	71.9	88.4	23.1	1.2
South Dakota	40.7	64.5	71.6	11.0	1.0
Tennessee	95.9	116.4	125.2	7.5	1.7
Texas	214.4	273.4	318.3	16.4	4.3
Utah	9.3	19.1	29.3	53.1	0.4
Vermont	3.2	3.3	3.4	2.0	0.0
Virginia	52.5	61.1	83.5	36.6	1.1
Washington, state	39.2	38.8	49.4	27.4	0.7
West Virginia	13.0	15.9	18.4	16.3	0.2
Wisconsin	346.6	423.0	470.0	11.1	6.3
Wyoming	4.9	2.9	2.9	-1.3	0.0
Dist. of Columbia	1.8	1.4	1.1	-21.1	0.0
Other U.S.A. (1)	64.3	53.1	95.3	79.6	1.3
TOTAL IMPORTS	**5,393.7**	**6,413.9**	**7,446.7**	**16.1**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note: (1) Unallocatable imports as well as imports from Puerto Rico and the US Virgin Islands

Table 3

Manitoba Trade Balance
With the United States by State
1996 - 1998

State	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change(1)	Percent of Total
Alabama	-34.2	-23.3	-21.5	7.7	1.6
Alaska	3.1	1.0	3.0	208.5	-0.2
Arizona	1.1	-11.8	-31.3	-165.2	2.3
Arkansas	-15.2	-11.9	-29.3	-147.5	2.1
California	-1.1	33.6	21.4	-36.4	-1.5
Colorado	48.3	36.5	49.4	35.5	-3.6
Connecticut	-16.5	-10.6	-23.8	-124.9	1.7
Delaware	-37.6	-29.6	-17.5	40.9	1.3
Florida	-40.5	-33.3	-33.7	-1.5	2.4
Georgia	-36.1	-57.0	-118.6	-108.0	8.6
Hawaii	2.4	1.9	2.1	12.1	-0.2
Idaho	-25.2	5.4	14.2	161.9	-1.0
Illinois	-472.3	-533.5	-660.0	-23.7	47.7
Indiana	-150.7	-196.8	-224.0	-13.8	16.2
Iowa	-120.9	-229.0	-271.7	-18.6	19.6
Kansas	-71.9	-58.2	-28.6	50.9	2.1
Kentucky	-109.5	-139.6	-139.7	0.0	10.1
Louisiana	-9.5	-30.9	-36.1	-16.9	2.6
Maine	0.2	6.0	7.7	28.3	-0.6
Maryland	-2.7	4.0	6.9	74.3	-0.5
Massachusetts	-26.0	-0.4	-3.5	-806.3	0.3
Michigan	-19.4	173.5	292.1	68.4	-21.1
Minnesota	184.7	207.8	234.5	12.9	-16.9
Mississippi	-13.7	-15.9	-25.6	-60.4	1.8
Missouri	-55.8	-51.4	-100.2	-94.9	7.2
Montana	69.1	132.3	71.4	-46.0	-5.2
Nebraska	44.7	73.8	100.6	36.4	-7.3
Nevada	7.9	7.0	-4.3	-162.5	0.3
New Hampshire	11.3	-3.8	11.9	412.8	-0.9
New Jersey	3.4	-26.1	-36.3	-39.2	2.6
New Mexico	-1.4	-1.6	-1.0	34.1	0.1
New York	-84.5	-86.6	-96.6	-11.6	7.0
North Carolina	-68.0	-109.3	-183.7	-68.0	13.3
North Dakota	299.5	252.4	214.3	-15.1	-15.5
Ohio	-175.4	-205.9	-215.8	-4.8	15.6
Oklahoma	-24.6	-27.5	-24.9	9.5	1.8
Oregon	-3.5	2.0	4.3	119.9	-0.3
Pennsylvania	206.3	56.7	-22.2	-139.2	1.6
Rhode Island	-2.3	-3.1	-5.8	-87.5	0.4
South Carolina	-50.1	-63.1	-80.0	-26.9	5.8
South Dakota	91.4	50.9	40.4	-20.7	-2.9
Tennessee	-41.5	-53.1	-44.1	17.0	3.2
Texas	-62.0	-119.8	-151.9	-26.8	11.0
Utah	8.8	11.1	10.0	-10.0	-0.7
Vermont	-1.4	-0.5	-1.1	-111.8	0.1
Virginia	-38.8	-20.2	-11.4	43.5	0.8
Washington, state	159.5	221.0	343.1	55.2	-24.8
West Virginia	-5.5	-9.9	-0.1	98.5	0.0
Wisconsin	-201.0	-201.2	-193.7	3.7	14.0
Wyoming	4.8	33.3	25.5	-23.4	-1.8
Dist. of Columbia	-0.7	2.3	5.4	132.2	-0.4
Other U.S.A.(2)	-12.7	1.0	-4.3	-546.9	0.3
TOTAL TRADE BALANCE	**-885.9**	**-1,051.3**	**-1,384.1**	-31.7	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note (1) Given that the overall Trade Balance is negative, a positive percent of total implies that the specific state Trade Balance is negative

Note (2) Unallocatable exports/imports as well as exports/imports to/from Puerto Rico and the US Virgin Islands

Table 4

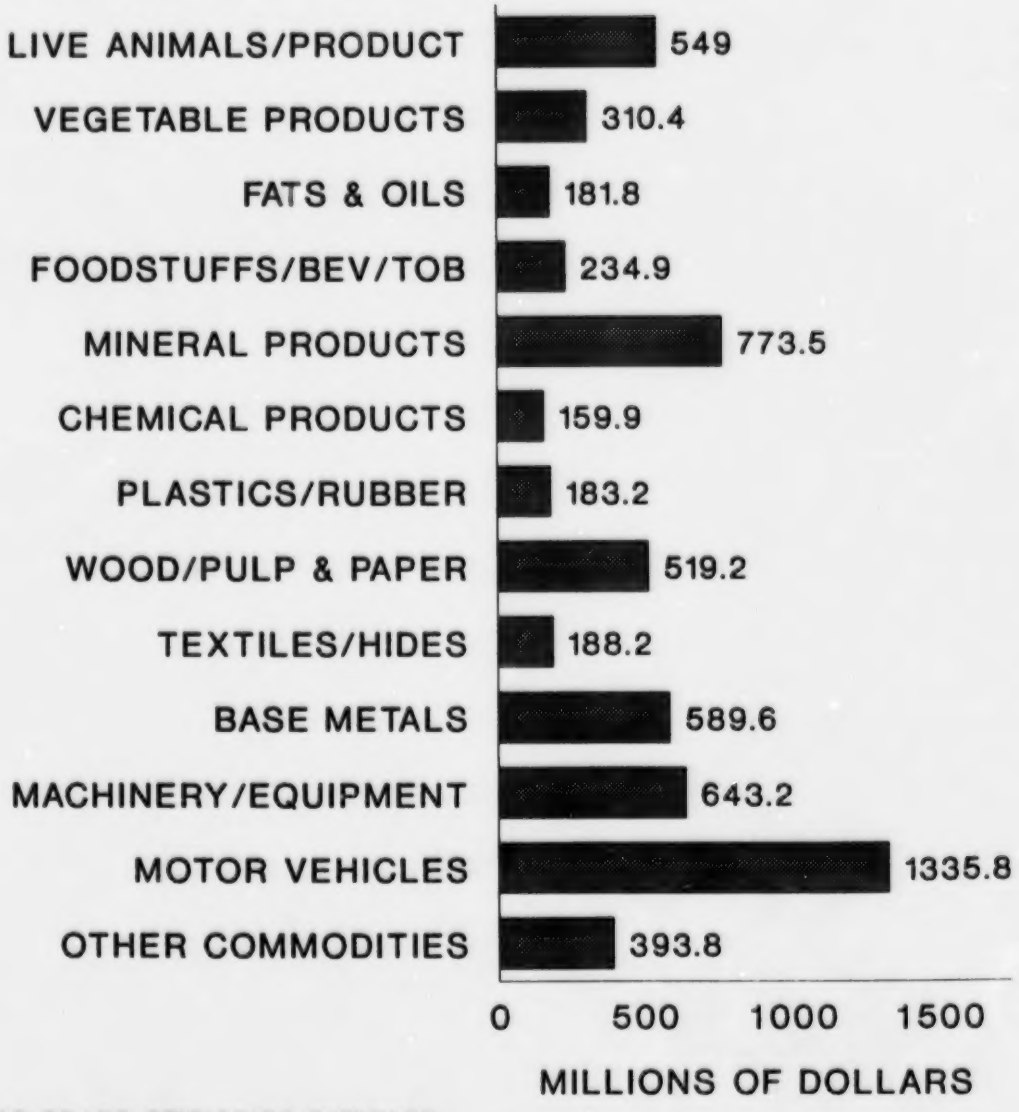
Manitoba Trade
With the United States, 1998
Ranked by Value of Exports

State	($000,000)			Percent of Total	
	Exports	Imports	Balance	Exports	Imports
Minnesota	1,105.9	871.4	234.5	18.2	11.7
North Dakota	526.5	312.2	214.3	8.7	4.2
Michigan	474.2	182.1	292.1	7.8	2.4
Illinois	409.5	1,069.5	-660.0	6.8	14.4
Washington, state	392.5	49.4	343.1	6.5	0.7
Pennsylvania	294.5	316.7	-22.2	4.9	4.3
California	287.3	265.9	21.4	4.7	3.6
Wisconsin	276.4	470.0	-193.7	4.6	6.3
Nebraska	188.9	88.3	100.6	3.1	1.2
Texas	166.4	318.3	-151.9	2.7	4.3
States 1 - 10	**4,121.9**	**3,943.8**	**178.1**	**68.0**	**53.0**
Kansas	162.5	191.1	-28.6	2.7	2.6
Iowa	154.4	426.1	-271.7	2.5	5.7
Ohio	124.5	340.3	-215.8	2.1	4.6
South Dakota	112.0	71.6	40.4	1.8	1.0
Montana	88.0	16.6	71.4	1.5	0.2
Missouri	87.9	188.1	-100.2	1.4	2.5
Florida	86.2	119.9	-33.7	1.4	1.6
Tennessee	81.1	125.2	-44.1	1.3	1.7
Colorado	80.9	31.5	49.4	1.3	0.4
New York	77.6	174.2	-96.6	1.3	2.3
States 11 - 20	**1,055.0**	**1,684.6**	**-629.5**	**17.4**	**22.6**
Indiana	77.0	301.1	-224.0	1.3	4.0
Virginia	72.1	83.5	-11.4	1.2	1.1
New Jersey	53.4	89.6	-36.3	0.9	1.2
North Carolina	49.5	233.1	-183.7	0.8	3.1
Georgia	48.7	167.3	-118.6	0.8	2.2
Massachusetts	45.2	48.7	-3.5	0.7	0.7
Utah	39.3	29.3	10.0	0.6	0.4
Oregon	38.7	34.3	4.3	0.6	0.5
Arkansas	38.3	67.7	-29.3	0.6	0.9
Kentucky	36.6	176.3	-139.7	0.6	2.4
States 21 - 30	**498.7**	**1,230.9**	**-732.2**	**8.2**	**16.5**
Idaho	32.0	17.8	14.2	0.5	0.2
Wyoming	28.4	2.9	25.5	0.5	0.0
Maryland	26.7	19.7	6.9	0.4	0.3
Arizona	25.1	56.3	-31.3	0.4	0.8
Alabama	23.0	44.5	-21.5	0.4	0.6
Oklahoma	22.8	47.7	-24.9	0.4	0.6
New Hampshire	21.3	9.4	11.9	0.4	0.1
Louisiana	18.3	54.4	-36.1	0.3	0.7
West Virginia	18.3	18.4	-0.1	0.3	0.2
Delaware	11.7	29.2	-17.5	0.2	0.4
States 31 - 40	**227.7**	**300.4**	**-72.7**	**3.8**	**4.0**
Maine	10.7	3.0	7.7	0.2	0.0
Connecticut	9.5	33.3	-23.8	0.2	0.4
Nevada	8.5	12.8	-4.3	0.1	0.2
South Carolina	8.4	88.4	-80.0	0.1	1.2
Mississippi	7.4	33.0	-25.6	0.1	0.4
New Mexico	6.0	7.0	-1.0	0.1	0.1
Alaska	5.5	2.5	3.0	0.1	0.0
Hawaii	2.4	0.3	2.1	0.0	0.0
Vermont	2.3	3.4	-1.1	0.0	0.0
Rhode Island	1.1	6.8	-5.8	0.0	0.1
States 41 - 50	**61.8**	**190.6**	**-128.9**	**1.0**	**2.6**
Dist. of Columbia	6.5	1.1	5.4	0.1	0.0
Other U.S.A. (1)	91.0	95.3	-4.3	1.5	1.3
TOTAL TRADE	**6,062.6**	**7,446.7**	**-1,384.1**	**100.0**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note: (1) Unallocatable exports/imports as well as exports/imports to/from Puerto Rico and the US Virgin Islands

CHART 3
MANITOBA EXPORTS TO THE UNITED STATES BY SELECTED COMMODITY GROUP - 1998



MBS TRADE STATISTICS DATABASE
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Table 5 **Manitoba Exports to the United States, by Section and Chapter, 1996 - 1998**

	Commodity Groups	1996	1997	1998	1997 to 1998	1998
		($000,000)			Percent Change	Percent of Total
I	***Live Animals, Animal Products***	**433.7**	**518.2**	**549.0**	**6.0**	**9.1**
	01 Live animals	356.4	404.8	414.1	2.3	6.8
	02 Meat and edible meat offal	40.2	76.6	87.9	14.7	1.4
	03 Fish and crustaceans, molluscs and other aquatic invertebrates	28.2	28.1	33.1	17.9	0.5
	04 Dairy produce; birds' eggs; natural honey; edible products of animal origin, nes	7.6	7.6	11.9	57.3	0.2
	05 Products of animal origin, nes	1.3	1.0	2.0	99.0	0.0
II	***Vegetable Products***	**289.8**	**360.7**	**310.4**	**-14.0**	**5.1**
	06 Live trees and other plants; bulbs, roots and the like, cut flowers, foliage	0.3	0.4	0.7	74.3	0.0
	07 Edible vegetables and certain roots and tubers	17.6	17.1	19.4	13.6	0.3
	08 Edible fruit and nuts; peel of citrus fruit or melons	0.0	0.0	0.0	-100.0	0.0
	09 Coffee, tea, mate and spices	11.9	7.4	7.3	-1.3	0.1
	10 Cereals	142.5	187.6	132.2	-29.6	2.2
	11 Products of the milling industry; malt; starches; inulin; wheat gluten	21.1	27.5	27.6	0.3	0.5
	12 Oil seeds and oleaginous fruits; misc grains, seeds and fruit; ind or med; straw	96.4	120.8	123.3	2.1	2.0
	13 Lac; gums, resins and other vegetable saps and extracts	0.0	0.0	0.0	269.4	0.0
	14 Vegetable plaiting materials, vegetable products n.e.s.	0.0	0.0	0.0	n/a	0.0
III	***Animal or Vegetable Fats, Oils, and Waxes***	**166.1**	**143.9**	**181.8**	**26.3**	**3.0**
	15 Animal or vegetable fats and oils and products; prepared edible fats; waxes	166.1	143.9	181.8	26.3	3.0
IV	***Prepared Foodstuffs, Beverages, Spirits, and Tobacco***	**110.8**	**166.2**	**234.9**	**41.4**	**3.9**
	16 Preparations of meat, fish or crustaceans, molluscs, other aquatic invertebrates	0.1	0.4	8.4	2,083.4	0.1
	17 Sugar and sugar confectionery	6.2	1.3	0.6	-48.8	0.0
	18 Cocoa and cocoa preparations	0.6	0.6	0.3	-48.6	0.0
	19 Preparations of cereals, flour, starch or milk; pastrycooks' products	5.2	7.1	10.5	47.6	0.2
	20 Preparations of vegetables, fruits, nuts or other parts of plants	35.7	87.4	140.5	60.8	2.3
	21 Miscellaneous edible preparations	0.7	0.3	0.8	190.4	0.0
	22 Beverages, spirits and vinegar	1.1	0.1	2.1	3,254.0	0.0
	23 Residues and waste from the food industries; prepared animal fodder	61.3	69.1	71.7	3.8	1.2
	24 Tobacco and manufactured tobaccoo substitutes	0.0	0.0	0.0	n/a	0.0
V	***Mineral Products***	**883.9**	**872.1**	**773.5**	**-11.3**	**12.8**
	25 Salt; sulphur; earths and stone; plastering materials, lime and cement	8.1	11.2	11.9	6.4	0.2
	26 Ores, slag and ash	12.5	7.7	11.3	46.7	0.2
	27 Mineral fuels, mineral oils and products of their distillation, bituminous subst	863.2	853.2	750.3	-12.1	12.4
VI	***Products of the Chemical or Allied Industries***	**83.7**	**92.5**	**159.9**	**72.9**	**2.6**
	28 Inorganic chemicals; organic/inorganic compounds of precious/rare-earth metals	8.5	34.5	49.6	43.8	0.8
	29 Organic chemicals	0.0	0.9	11.6	1,253.9	0.2
	30 Pharmaceutical products	29.2	23.1	52.9	128.6	0.9
	31 Fertilisers	37.3	26.9	34.8	29.4	0.6
	32 Tanning or dyeing extracts; tannins and derivatives, dyes; paints and varnish	1.8	3.1	2.6	-13.9	0.0
	33 Essential oils and resinoids; perfumery, cosmetic or toilet preparations	0.6	0.6	0.6	2.3	0.0
	34 Soap, prepared waxes, polishing or scouring prep, candles and dental prep, etc	1.2	1.3	5.4	307.5	0.1
	35 Albuminoidal substances; modified starches; glue; enzymes	2.5	1.6	1.9	14.0	0.0
	36 Explosives; pyrotecnic prod; matches; pyrophoric alloys, combustible preparation	0.0	0.0	0.0	-100.0	0.0
	37 Photographic or cinematographic goods	0.3	0.1	0.3	236.8	0.0
	38 Miscellaneous chemical products	2.3	0.3	0.2	-50.6	0.0
VII	***Plastics, Rubber, and articles thereof***	**104.5**	**133.0**	**183.2**	**37.8**	**3.0**
	39 Plastics and articles thereof	100.7	127.6	177.0	38.7	2.9
	40 Rubber and articles thereof	3.8	5.4	6.2	14.7	0.1
VIII	***Raw Hides & Skins, Leather, Furskins, and articles thereof***	**37.0**	**33.8**	**30.1**	**-10.9**	**0.5**
	41 Raw hides and skins (other than furskins) and leather	26.3	22.3	16.9	-24.2	0.3
	42 Articles of leather; saddlery and harness; travel goods, handbags etc	6.0	7.0	6.7	-3.9	0.1
	43 Furskins and artificial fur; manufactures thereof	4.7	4.5	6.5	43.6	0.1
IX	***Wood and articles of Wood, Charcoal, Cork, Basketware***	**129.1**	**176.3**	**235.2**	**33.4**	**3.9**
	44 Wood and articles of wood; wood charcoal	129.1	176.3	235.2	33.4	3.9
	45 Cork and articles of cork	0.0	0.0	0.0	n/a	0.0
	46 Manufactures of straw, esparto or plaiting materials; basketware, wickerwork	0.0	0.0	0.0	n/a	0.0
X	***Pulp and Paper Products, Scrap and Semi-processed Materials***	**242.7**	**258.0**	**284.0**	**10.1**	**4.7**
	47 Pulp of wood or fibrous cellulosic material; waste, scrap of paper, paperboard	2.8	4.9	4.5	-6.7	0.1
	48 Paper and paperboard; articles of paper pulp, paper, paperboard	209.0	203.1	211.4	4.1	3.5
	49 Printed books, newspapers, pictures etc; manuscripts, typesripts and plans	30.8	49.9	68.0	36.1	1.1

Manitoba Bureau of Statistics, July, 1999 Manitoba Trade Statistics Database

Note: (1) Major commodity headings based on the twenty-one Harmonized System (HS) Sections.
(2) Sub-headings based on the Harmonized System Chapters.

continued...

Table 5 (concluded) **Manitoba Exports to the United States, by Section and Chapter, 1996 - 1998**

	Commodity Groups	1996	1997	1998	1997 to 1998	1998
		($000,000)			Percent Change	Percent of Total
XI	***Textiles and Textile articles***	**106.2**	**135.3**	**155.8**	**15.2**	**2.6**
	50 Silk	0.0	0.0	0.0	n/a	0.0
	51 Wool, fine or coarse animal hair; horsehair yarn and woven fabric	0.0	0.0	0.0	-75.6	0.0
	52 Cotton	0.0	0.0	0.0	124.3	0.0
	53 Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	27.4	26.2	30.7	17.3	0.5
	54 Man-made filaments	2.9	5.2	5.0	-4.7	0.1
	55 Man-made staple fibres	0.0	0.0	0.1	332.7	0.0
	56 Wadding, felt, nonwovens; special yarns; twine, cordage, ropes, cables	4.8	2.3	2.4	2.8	0.0
	57 Carpets and other textile floor coverings	0.0	0.0	0.0	88.1	0.0
	58 Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; etc	0.5	0.3	0.5	50.2	0.0
	59 Impregnated, coated, covered, laminated textile fabrics; textile for industrial	0.5	0.5	0.4	-16.0	0.0
	60 Knitted or crocheted fabrics	1.3	3.0	2.3	-23.0	0.0
	61 Articles of apparel and clothing accessories, knitted or crocheted	11.5	15.8	18.7	18.1	0.3
	62 Articles of apparel and clothing accessories, not knitted or crocheted	55.6	78.7	93.2	18.3	1.5
	63 Other made up textile articles; sets; worn clothing, textile artilces; rags	1.7	3.1	2.6	-18.4	0.0
XII	***Footwear, Headgear, Umbrellas, Feathers, Human Hair, etc.***	**1.8**	**1.8**	**2.3**	**24.4**	**0.0**
	64 Footwear, gaiters and the like; parts of such articles	0.5	0.3	0.6	80.6	0.0
	65 Headgear and parts thereof	1.2	1.3	1.5	10.8	0.0
	66 Umbrellas, walking-sticks, seat-sticks, whips, riding-crops, parts thereof	0.1	0.2	0.2	25.3	0.0
	67 Prepared feathers and down and articles thereof; artif flowers; human hair artic	0.0	0.0	0.0	-67.7	0.0
XIII	***Articles of Stone, Plaster, Cement, Ceramic, Glass, etc.***	**17.3**	**20.3**	**31.6**	**56.0**	**0.5**
	68 Articles of stone, plaster, cement, asbestos, mica or similar products	14.8	17.7	26.7	50.3	0.4
	69 Ceramic products	0.1	0.1	0.2	190.3	0.0
	70 Glass and glassware	2.4	2.5	4.8	93.5	0.1
XIV	***Pearls, Jewels, Stones, Coins, etc.***	**2.4**	**0.9**	**1.3**	**36.7**	**0.0**
	71 Pearls; precious or semi-precious stones, precious metals, imit jewel; coin	2.4	0.9	1.3	36.7	0.0
XV	***Base Metals and articles of Base Metal***	**206.3**	**415.5**	**589.6**	**41.9**	**9.7**
	72 Iron and steel	72.0	77.4	78.0	0.8	1.3
	73 Articles of iron and steel	41.5	51.8	54.0	4.3	0.9
	74 Copper and articles thereof	55.3	222.2	370.3	66.6	6.1
	75 Nickel and articles thereof	7.2	8.1	20.5	153.2	0.3
	76 Aluminum and articles thereof	17.5	14.9	16.4	10.1	0.3
	78 Lead and articles thereof	1.5	2.7	0.6	-79.3	0.0
	79 Zinc and articles thereof	7.6	34.5	43.0	24.6	0.7
	80 Tin and articles thereof	0.0	0.0	0.0	n/a	0.0
	81 Other base metals; cermets; articles thereof	0.2	0.2	0.2	40.8	0.0
	82 Tools, implements, spoons, forks of base metal; parts thereof of base metal	1.2	1.6	2.6	62.7	0.0
	83 Miscellaneous articles of base metal	2.3	2.2	4.1	87.1	0.1
XVI	***Machinery, Mechanical and Electrical Appliances and Equipment***	**520.5**	**600.7**	**643.2**	**7.1**	**10.6**
	84 Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	384.3	441.9	467.7	5.8	7.7
	85 Electrical machinery, equipments, parts; television image, sound recorders, part	136.2	158.7	175.6	10.6	2.9
XVII	***Vehicles, Aircraft, Vessels & associated Transport Equipment***	**897.0**	**1,117.8**	**1,335.8**	**19.5**	**22.0**
	86 Railway and tramway locomotives, rolling-stock, fixtures, fittings, mech traffic	18.0	23.2	37.6	62.5	0.6
	87 Vehicles other than railway or tramway rolling-stock, parts, accessories	708.1	842.2	847.9	0.7	14.0
	88 Aircraft, spacecraft and parts thereof	168.4	250.4	448.8	79.2	7.4
	89 Ships, boats and floating structures	2.6	2.0	1.6	-22.5	0.0
XVIII	***Precision Instruments, Clocks, Musical Instruments***	**9.9**	**16.2**	**21.7**	**33.5**	**0.4**
	90 Optical, photographic, cinema, measuring, medical instruments and apparatus	9.9	16.1	21.5	33.3	0.4
	91 Clocks and watches and parts thereof	0.0	0.1	0.1	7.5	0.0
	92 Musical instruments; parts and accessories of such articles	0.0	0.0	0.1	281.9	0.0
XIX	***Arms and Ammunition; Parts & Accessories thereof***	**0.0**	**0.0**	**0.3**	**812.4**	**0.0**
	93 Arms and ammunition; parts and accessories thereof	0.0	0.0	0.3	812.4	0.0
XX	***Miscellaneous Manufactured articles***	**173.4**	**217.8**	**248.6**	**14.1**	**4.1**
	94 Furniture; mattresses, cushions; lamps, lighting fixtures; signs; prefab bldgs	167.9	210.9	239.4	13.5	3.9
	95 Toys, games and sports requisites; parts and accessories thereof	5.4	6.5	7.9	23.0	0.1
	96 Miscellaneous manufactured articles	0.1	0.4	1.2	178.3	0.0
XXI	***Works of Art, Collectors Pieces and Antiques***	**1.5**	**1.0**	**1.6**	**58.8**	**0.0**
	97 Works of art, collectors' pieces and antiques	1.5	1.0	1.6	58.8	0.0
	Special Classification Provisions & Special Transaction-Trade	**47.9**	**35.3**	**15.6**	**-55.8**	**0.3**
	Confidential and Low Value Exports	**42.2**	**45.5**	**73.1**	**60.7**	**1.2**
	GRAND TOTAL COMMODITY EXPORTS	**4,507.8**	**5,362.7**	**6,062.6**	**13.1**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note: (1) Major commodity headings based on the twenty-one Harmonized System (HS) Sections.
(2) Sub-headings based on the Harmonized System Chapters.

Table 6 **Manitoba Exports to the United States, by Commodity, 1998**

Top fifty export commodities

Commodity groups	($ 000,000)	Percent of Total
Aircraft parts	448.6	7.4
Unrefined copper: copper anodes for electrolytic refining	364.8	6.0
Electrical energy	356.2	5.9
Tractors (other than public works type tractors)	323.0	5.3
Live bovine animals	238.4	3.9
Bodies (including cabs), for motor vehicles	191.6	3.2
Public-transport type passenger motor vehicles	185.9	3.1
Other furniture and parts thereof	175.6	2.9
Rape,colza or mustard oil	175.5	2.9
Live swine	155.8	2.6
Commodities 1 - 10	**2,615.4**	**43.1**
Vegetables nes, frozen	140.5	2.3
Newsprint, in rolls or sheets	102.0	1.7
Wood sawn or chipped lengthwise, sliced or peeled	90.2	1.5
Meat of swine, fresh, chilled or frozen	82.4	1.4
Women's or girls' suits, jackets, dresses, skirts, shorts	72.0	1.2
Motor vehicle parts and accessories	71.2	1.2
Harvesting or threshing machinery: machinery for cleaning, grading, etc	68.6	1.1
Parts suitable for use with machinery for lifting, moving, handling	63.5	1.0
Insulated wire/cable, other insulated electrical conductors	62.3	1.0
Uncoated kraft paper & paperboard, in rolls or sheets o/t of hd 48.02 or 48.03	60.6	1.0
Commodities 11 - 20	**813.5**	**13.4**
Automatic data processing machinery	59.9	1.0
Particle board and similar board of wood or other ligneous materials	57.8	1.0
Oil-cake nes, o/t soya-bean or ground-nut w/n ground or pellet	54.1	0.9
Plates, sheets, film etc nes, of plas, non-cellular, not reinf, laminated etc	53.9	0.9
Wheat	53.8	0.9
Parts and accessories for use with data processing/office machinery	52.6	0.9
Oats	52.5	0.9
Seats (excl. medical/dental/surgical/etc) and parts	50.6	0.8
Builder joinery & wood carpentry, incl wood panels, shingles, etc.	48.8	0.8
Chlorates & perchlorates: bromates & perbromates: iodates & periodates	44.2	0.7
Commodities 21 - 30	**528.3**	**8.7**
Trailers & semi-trailers: vehicles not mechanically propelled: parts	40.2	0.7
Lifting/handling/loading machinery, nes	38.3	0.6
Unwrought zinc	37.6	0.6
Rape or colza seeds, whether or not broken	37.2	0.6
Printed books, brochures, leaflets, etc	35.8	0.6
Petroleum gases and other gaseous hydrocarbons	33.5	0.6
Mineral or chemical fertilizers, nitrogenous	32.8	0.5
Linseed, whether or not broken	32.7	0.5
Petroleum and coal oils, other than crude	31.5	0.5
Parts of railway or tramway locomotives or rolling-stock	31.4	0.5
Commodities 31 - 40	**351.1**	**5.8**
Flax, raw or processed but not spun: flax tow and waste	30.7	0.5
Bars & rods, angles of other alloy steel, etc	30.2	0.5
Seeds, fruit and spores, for sowing	30.0	0.5
Medicaments of mxd or unmixed prods for therap or prophltc uses, in dosage	29.8	0.5
Personal motor vehicles	29.0	0.5
Builders' ware of plastics, nes	28.7	0.5
Printed matter nes, including printed pictures and photographs	26.5	0.4
Polyacetals,o polyethers,epoxide resins, polycarbonates, etc, in primary forms	26.1	0.4
Electrical transformers, static converters (for example rectifiers) & inducto	25.7	0.4
Fish fillets and other fish meat, fresh, chilled or frozen	25.3	0.4
Commodities 41 - 50	**281.9**	**4.7**
All other Commodity Exports (includes Confidential and Special Trade Transactions)	1,472.3	24.3
TOTAL EXPORTS	**6,062.6**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Notes: (1) The commodity groups are classified at the four digit level, Harmonized System.

(2) Ranking excludes $88.7 million (1.5%) in unclassifiable exports ($73.1 million) and special classifications and transactions ($15.6 million)

CHART 4
MANITOBA IMPORTS FROM THE UNITED STATES BY SELECTED COMMODITY GROUP - 1998

MBS TRADE STATISTICS DATABASE
JULY 1999

Table 7 **Manitoba Imports from the United States, by Section and Chapter, 1996 - 1998**

	Commodity Groups	1996	1997	1998	1997 to 1998	1998
		($000,000)			Percent Change	Percent of Total
I	***Live Animals, Animal Products***	**43.6**	**45.1**	**52.3**	**15.8**	**0.9**
	01 Live animals	4.4	4.5	4.6	2.8	0.1
	02 Meat and edible meat offal	15.6	17.8	23.1	29.9	0.4
	03 Fish and crustaceans, molluscs and other aquatic invertebrates	0.6	0.4	0.8	80.5	0.0
	04 Dairy produce; birds' eggs; natural honey; edible products of animal origin, nes	15.8	14.7	17.5	18.9	0.3
	05 Products of animal origin, nes	7.2	7.7	6.3	-18.4	0.1
II	***Vegetable Products***	**120.0**	**133.8**	**156.5**	**16.9**	**2.6**
	06 Live trees and other plants; bulbs, roots and the like, cut flowers, foliage	4.7	4.9	5.5	13.5	0.1
	07 Edible vegetables and certain roots and tubers	27.6	30.0	38.4	28.2	0.6
	08 Edible fruit and nuts; peel of citrus fruit or melons	23.4	22.4	24.1	7.6	0.4
	09 Coffee, tea, mate and spices	1.6	0.9	1.1	27.5	0.0
	10 Cereals	26.7	22.5	29.4	30.6	0.5
	11 Products of the milling industry; malt; starches; inulin; wheat gluten	5.3	2.3	1.7	-29.3	0.0
	12 Oil seeds and oleaginous fruits; misc grains, seeds and fruit; ind or med; straw	30.0	49.9	55.1	10.6	0.9
	13 Lac; gums, resins and other vegetable saps and extracts	0.4	0.7	0.8	15.2	0.0
	14 Vegetable plaiting materials, vegetable products n.e.s.	0.2	0.3	0.4	18.1	0.0
III	***Animal or Vegetable Fats, Oils, and Waxes***	**9.1**	**12.5**	**19.3**	**54.0**	**0.3**
	15 Animal or vegetable fats and oils and products; prepared edible fats; waxes	9.1	12.5	19.3	54.0	0.3
IV	***Prepared Foodstuffs, Beverages, Spirits, and Tobacco***	**241.6**	**263.5**	**305.1**	**15.8**	**5.0**
	16 Preparations of meat, fish or crustaceans, molluscs, other aquatic invertebrates	35.9	33.8	35.7	5.8	0.6
	17 Sugar and sugar confectionery	10.3	23.2	28.7	23.7	0.5
	18 Cocoa and cocoa preparations	5.8	6.3	6.9	9.8	0.1
	19 Preparations of cereals, flour, starch or milk; pastrycooks' products	28.9	40.3	59.2	46.8	1.0
	20 Preparations of vegetables, fruits, nuts or other parts of plants	21.3	25.7	32.1	25.3	0.5
	21 Miscellaneous edible preparations	31.7	33.7	41.6	23.7	0.7
	22 Beverages, spirits and vinegar	8.2	14.5	14.1	-3.3	0.2
	23 Residues and waste from the food industries; prepared animal fodder	88.3	81.7	86.4	5.7	1.4
	24 Tobacco and manufactured tobaccoo substitutes	11.2	4.3	0.3	-92.7	0.0
V	***Mineral Products***	**78.3**	**86.3**	**109.6**	**26.9**	**1.8**
	25 Salt; sulphur; earths and stone; plastering materials, lime and cement	7.3	8.7	8.7	0.4	0.1
	26 Ores, slag and ash	32.4	29.7	29.9	0.8	0.5
	27 Mineral fuels, mineral oils and products of their distillation, bituminous subst	38.6	48.0	70.9	47.9	1.2
VI	***Products of the Chemical or Allied Industries***	**420.3**	**467.4**	**603.2**	**29.0**	**9.9**
	28 Inorganic chemicals; organic/inorganic compounds of precious/rare-earth metals	29.3	31.6	40.8	29.2	0.7
	29 Organic chemicals	61.0	67.3	87.6	30.2	1.4
	30 Pharmaceutical products	37.6	39.9	45.4	13.8	0.7
	31 Fertilisers	50.8	49.7	59.0	18.7	1.0
	32 Tanning or dyeing extracts; tannins and derivatives, dyes; paints and varnish	21.4	24.2	31.2	28.8	0.5
	33 Essential oils and resinoids; perfumery, cosmetic or toilet preparations	29.1	25.3	24.0	-5.3	0.4
	34 Soap, prepared waxes, polishing or scouring prep, candles and dental prep, etc	23.8	25.4	34.5	35.8	0.6
	35 Albuminoidal substances; modified starches; glue; enzymes	7.8	13.7	15.1	9.9	0.2
	36 Explosives; pyrotecnic prod; matches; pyrophoric alloys, combustible preparation	6.7	8.3	7.0	-15.6	0.1
	37 Photographic or cinematographic goods	1.9	1.9	2.5	33.2	0.0
	38 Miscellaneous chemical products	150.9	180.2	256.1	42.1	4.2
VII	***Plastics, Rubber, and articles thereof***	**323.5**	**402.8**	**474.2**	**17.7**	**7.8**
	39 Plastics and articles thereof	183.1	231.6	285.1	23.1	4.7
	40 Rubber and articles thereof	140.4	171.3	189.2	10.4	3.1
VIII	***Raw Hides & Skins, Leather, Furskins, and articles thereof***	**40.0**	**46.0**	**51.9**	**12.9**	**0.9**
	41 Raw hides and skins (other than furskins) and leather	24.2	28.5	21.4	-24.8	0.4
	42 Articles of leather; saddlery and harness; travel goods, handbags etc	3.5	3.2	4.1	30.7	0.1
	43 Furskins and artificial fur; manufactures thereof	12.4	14.3	26.4	84.0	0.4
IX	***Wood and articles of Wood, Charcoal, Cork, Basketware***	**59.2**	**74.6**	**76.2**	**2.1**	**1.3**
	44 Wood and articles of wood; wood charcoal	59.0	74.4	76.0	2.1	1.3
	45 Cork and articles of cork	0.2	0.2	0.1	-23.6	0.0
	46 Manufactures of straw, esparto or plaiting materials; basketware, wickerwork	0.1	0.1	0.1	105.5	0.0
X	***Pulp and Paper Products, Scrap and Semi-processed Materials***	**375.2**	**414.6**	**455.1**	**9.8**	**7.5**
	47 Pulp of wood or fibrous cellulosic material; waste, scrap of paper, paperboard	2.5	3.6	2.9	-17.7	0.0
	48 Paper and paperboard; articles of paper pulp, paper, paperboard	148.0	169.2	193.0	14.1	3.2
	49 Printed books, newspapers, pictures etc; manuscripts, typesripts and plans	224.6	241.8	259.2	7.2	4.3

Manitoba Bureau of Statistics, July, 1999

Manitoba Trade Statistics Database

Note: (1) Major commodity headings based on the twenty-one Harmonized System (HS) Sections.
(2) Sub-headings based on the Harmonized System Chapters.

continued...

Table 7 (concluded) Manitoba Imports from the United States, by Section and Chapter, 1996 - 1998

	Commodity Groups	1996	1997	1998	1997 to 1998	1998
		($000,000)			Percent Change	Percent of Total
XI	***Textiles and Textile articles***	**128.0**	**165.5**	**196.5**	**18.7**	**3.2**
	50 Silk	0.0	0.0	0.0	n/a	0.0
	51 Wool, fine or coarse animal hair; horsehair yarn and woven fabric	0.4	0.2	0.2	5.2	0.0
	52 Cotton	20.6	19.6	24.0	22.4	0.4
	53 Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	0.6	0.9	1.0	10.7	0.0
	54 Man-made filaments	14.6	25.9	26.1	0.6	0.4
	55 Man-made staple fibres	7.3	8.5	8.8	2.7	0.1
	56 Wadding, felt, nonwovens; special yarns; twine, cordage, ropes, cables	6.6	10.3	11.1	8.2	0.2
	57 Carpets and other textile floor coverings	30.9	46.1	67.4	46.2	1.1
	58 Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; etc	4.2	5.1	4.3	-15.7	0.1
	59 Impregnated, coated, covered, laminated textile fabrics; textile for industrial	9.8	10.6	16.4	55.0	0.3
	60 Knitted or crocheted fabrics	5.1	7.3	7.2	-1.4	0.1
	61 Articles of apparel and clothing accessories, knitted or crocheted	6.0	7.5	9.0	20.2	0.1
	62 Articles of apparel and clothing accessories, not knitted or crocheted	11.1	9.0	10.2	12.4	0.2
	63 Other made up textile articles; sets; worn clothing, textile artilces; rags	10.9	14.4	10.8	-25.1	0.2
XII	***Footwear, Headgear, Umbrellas, Feathers, Human Hair, etc.***	**3.9**	**7.4**	**8.9**	**20.9**	**0.1**
	64 Footwear, gaiters and the like; parts of such articles	2.2	5.2	6.4	23.1	0.1
	65 Headgear and parts thereof	1.5	1.9	2.1	13.0	0.0
	66 Umbrellas, walking-sticks, seat-sticks, whips, riding-crops, parts thereof	0.1	0.2	0.2	33.1	0.0
	67 Prepared feathers and down and articles thereof; artif flowers; human hair artic	0.1	0.1	0.2	25.9	0.0
XIII	***Articles of Stone, Plaster, Cement, Ceramic, Glass, etc.***	**47.3**	**62.0**	**76.8**	**24.0**	**1.3**
	68 Articles of stone, plaster, cement, asbestos, mica or similar products	12.7	21.5	27.1	26.2	0.4
	69 Ceramic products	9.2	10.1	13.6	35.3	0.2
	70 Glass and glassware	25.5	30.5	36.2	18.8	0.6
XIV	***Pearls, Jewels, Stones, Coins, etc.***	**5.0**	**8.4**	**8.4**	**-0.2**	**0.1**
	71 Pearls; precious or semi-precious stones, precious metals, imit jewel; coin	5.0	8.4	8.4	-0.2	0.1
XV	***Base Metals and articles of Base Metal***	**350.5**	**471.5**	**586.0**	**24.3**	**9.7**
	72 Iron and steel	60.5	85.7	86.4	0.8	1.4
	73 Articles of Iron and steel	179.3	235.4	277.5	17.9	4.6
	74 Copper and articles thereof	9.3	29.3	66.5	127.0	1.1
	75 Nickel and articles thereof	7.0	3.4	3.3	-3.2	0.1
	76 Aluminum and articles thereof	41.8	51.0	64.0	25.5	1.1
	78 Lead and articles thereof	0.3	0.2	0.5	164.7	0.0
	79 Zinc and articles thereof	0.3	5.8	4.4	-23.8	0.1
	80 Tin and articles thereof	0.2	0.8	0.8	2.5	0.0
	81 Other base metals; cermets; articles thereof	2.4	2.0	6.0	198.7	0.1
	82 Tools, implements, spoons, forks of base metal; parts thereof of base metal	23.9	30.3	31.5	4.0	0.5
	83 Miscellaneous articles of base metal	25.6	27.7	45.0	62.6	0.7
XVI	***Machinery, Mechanical and Electrical Appliances and Equipment***	**1,602.3**	**1,993.4**	**2,327.8**	**16.8**	**38.4**
	84 Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	1,307.9	1,645.7	1,914.1	16.3	31.6
	85 Electrical machinery, equipments, parts; television image, sound recorders, part	294.4	347.8	413.8	19.0	6.8
XVII	***Vehicles, Aircraft, Vessels & associated Transport Equipment***	**1,164.6**	**1,374.4**	**1,478.1**	**7.5**	**24.4**
	86 Railway and tramway locomotives, rolling-stock, fixtures, fittings, mech traffic	36.0	51.4	85.2	65.9	1.4
	87 Vehicles other than railway or tramway rolling-stock, parts, accessories	1,048.3	1,185.7	1,234.6	4.1	20.4
	88 Aircraft, spacecraft and parts thereof	65.8	123.4	139.0	12.7	2.3
	89 Ships, boats and floating structures	14.4	14.0	19.3	37.7	0.3
XVIII	***Precision Instruments, Clocks, Musical Instruments***	**88.7**	**113.9**	**196.1**	**72.2**	**3.2**
	90 Optical, photographic, cinema, measuring, medical instruments and apparatus	85.6	109.6	190.9	74.2	3.1
	91 Clocks and watches and parts thereof	0.9	1.1	1.2	7.6	0.0
	92 Musical instruments; parts and accessories of such articles	2.3	3.3	4.0	24.4	0.1
XIX	***Arms and Ammunition; Parts & Accessories thereof***	**4.6**	**5.0**	**7.5**	**48.6**	**0.1**
	93 Arms and ammunition; parts and accessories thereof	4.6	5.0	7.5	48.6	0.1
XX	***Miscellaneous Manufactured articles***	**117.8**	**139.2**	**168.0**	**20.7**	**2.8**
	94 Furniture; mattresses, cushions; lamps, lighting fixtures; signs; prefab bldgs	73.3	92.8	124.8	34.5	2.1
	95 Toys, games and sports requisites; parts and accessories thereof	40.9	41.5	36.6	-11.9	0.6
	96 Miscellaneous manufactured articles	3.6	4.9	6.6	34.0	0.1
XXI	***Works of Art, Collectors Pieces and Antiques***	**1.2**	**1.0**	**1.9**	**94.8**	**0.0**
	97 Works of art, collectors' pieces and antiques	1.2	1.0	1.9	94.8	0.0
	Special Classification Provisions & Special Transaction-Trade	**15.9**	**19.9**	**19.7**	**-0.6**	**0.3**
	Confidential and Low Value Imports	**152.9**	**105.5**	**67.5**	**-36.0**	**1.1**
	GRAND TOTAL COMMODITY IMPORTS	**5,393.7**	**6,413.9**	**7,446.7**	**16.1**	**122.8**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Database*

Note: (1) Major commodity headings based on the twenty-one Harmonized System (HS) Sections.
(2) Sub-headings based on the Harmonized System Chapters.

Table 8 **Manitoba Imports from the United States, by Commodity, 1998**
Top fifty import commodities

Commodity groups	($ 000,000)	Percent of Total
Motor vehicle parts and accessories	343.1	4.6
Personal motor vehicles	283.2	3.8
Tractors (other than public works type tractors)	268.6	3.6
Harvesting or threshing machinery: machinery for cleaning, grading: etc	250.1	3.4
Insecticides, fungicides, herbicides for retail sale	196.0	2.6
Newspapers, journals and periodicals	178.0	2.4
Self-propelled bulldozers/angledozers/graders/excavators/shovel loaders, etc	172.6	2.3
Turbo-jets, turbo-propellers and other gas turbines	152.2	2.0
Taps, cocks, valves for pipes, tanks for the like, incl pressure reducing valve	133.1	1.8
Aircraft parts	116.5	1.6
Commodities 1 - 10	**2,093.4**	**28.1**
New pneumatic tires, of rubber	116.2	1.6
Trailers & semi-trailers: vehicles not mechanically propelled: parts	102.5	1.4
Diesel or semi-diesel engines	89.4	1.2
Air or vacuum pumps/air or gas comp & fans: hoods incorp a fan	80.6	1.1
Public-transport type passenger motor vehicles	79.4	1.1
Refrigerators/freezers: heat pumps other than air conditioning machinery	78.5	1.1
Parts of railway or tramway locomotives or rolling-stock	66.1	0.9
Pumps for liquids, w/n fitted with a measuring device: liquid elevators	64.4	0.9
Transmission parts, etc	64.3	0.9
Carpets and other textile floor covering tufted w/n made up	64.1	0.9
Commodities 11 - 20	**805.5**	**10.8**
Automatic data processing machinery	63.3	0.9
Optical fibres, cables: sheets & plates of polarising mat: lenses/prisms, unmtd	62.4	0.8
Other furniture and parts thereof	61.2	0.8
Parts suitable for use with machinery for lifting, moving, handling	57.8	0.8
Copper plates, sheets and strips, of a thickness exceeding 0.15mm	57.4	0.8
Motor vehicles for the transport of goods	56.0	0.8
Printed books, brochures, leaflets, etc	53.3	0.7
Centrifuges, incl centrifugal dryers: filtering or purifying machinery and app	52.3	0.7
Mechanical appl for proj/dispersing or spray liq or pdr: sand blasting mach, etc	51.6	0.7
Mineral/chem fert of 2 or 3 of elmnts N,phosph,or pot:fert nes:in pack <=10 kg	51.2	0.7
Commodities 21 - 30	**566.7**	**7.6**
Parts for internal combustion engines	48.9	0.7
Organo-inorganic compounds, nes	45.5	0.6
Soya-bean oil-cake and other solid residues	44.5	0.6
Railway or tramway track const mat of iron or steel, eg rails,crossing pce etc	43.8	0.6
Special purpose motor vehicles	43.0	0.6
Plates, sheets, film etc nes, of plas, non-cellular, not reinf, laminated etc	41.3	0.6
Bodies (including cabs), for motor vehicles	40.9	0.5
Insulated wire/cable, other insulated electrical conductors	40.6	0.5
Paper & paperbd, ctd, w or w/o binder & no other coating, in rolls or sheets	38.8	0.5
Fork-lift trucks: other works trucks fitted with lifting or handling equip	36.5	0.5
Commodities 31 - 40	**423.7**	**5.7**
Machines & mech appl having indiv func, nes or included in this chapter	36.3	0.5
Air cond mach, w motor-driven fan & elmnts for changing temp & humidity	36.1	0.5
Articles of iron or steel nes	36.0	0.5
Animal feed preparations, nes	35.3	0.5
Lifting/handling/loading machinery, nes	34.9	0.5
Agricultural, hortic or forest mchy for soil prep or cultivation: lawn-rollers	34.0	0.5
Rape or colza seeds, whether or not broken	33.6	0.5
Polyacetals,o polyethers,epoxide resins, polycarbonates, etc, in primary forms	33.4	0.4
Petroleum and coal oils, other than crude	33.0	0.4
Screws, bolts, nuts, coach-screws, screw hooks, washers, etc. of iron/steel	32.8	0.4
Commodities 41 - 50	**345.3**	**4.6**
All other Commodity Imports (includes Confidential and Special Trade Transactions)	3,212.2	43.1
TOTAL IMPORTS	**7,446.7**	**100.0**

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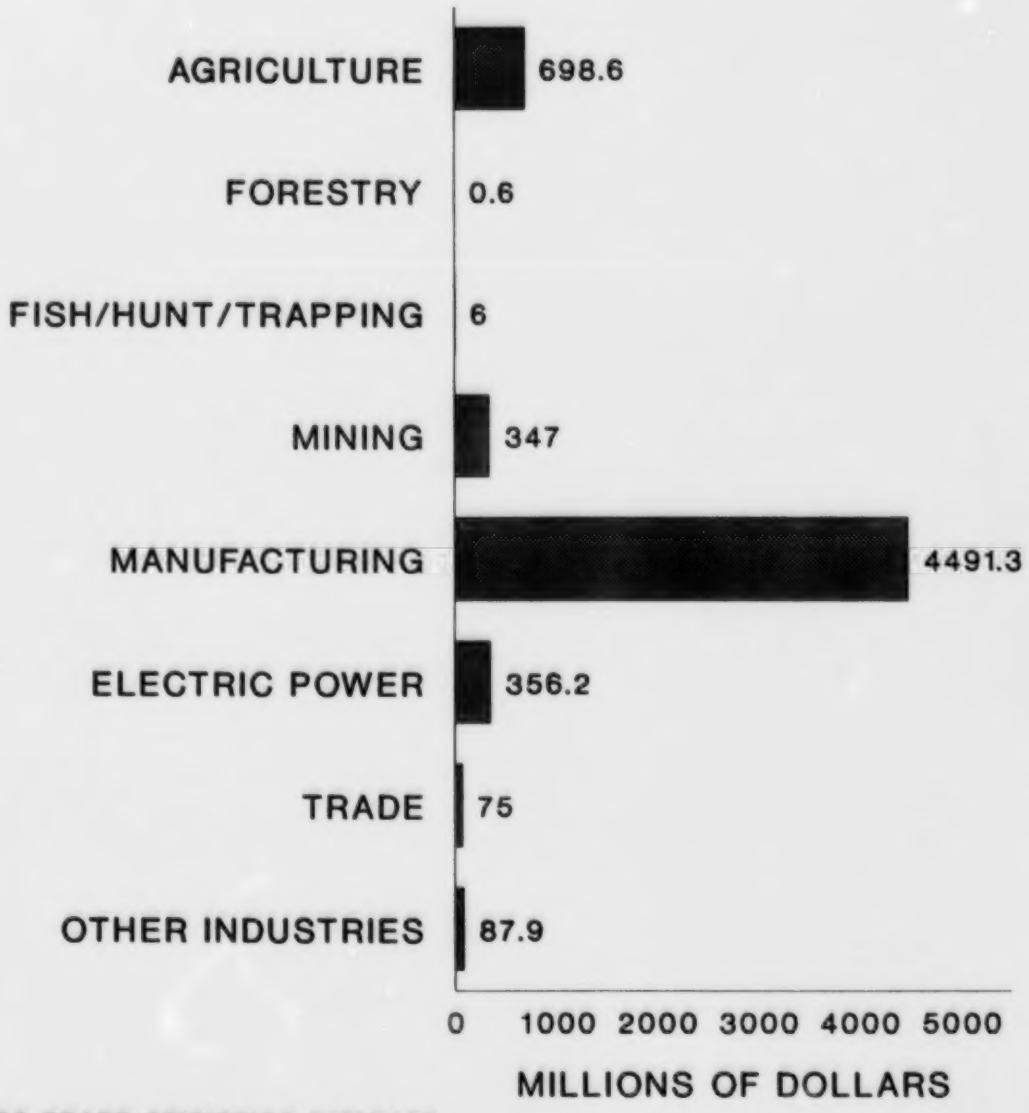
Notes: (1) The commodity groups are classified at the four digit level, Harmonized System.
(2) Ranking excludes $87.2 million (1.2) in unclassifiable imports ($67.5 million) and special classifications and transactions ($19.7 million).

CHART 5
MANITOBA EXPORTS TO THE UNITED STATES BY INDUSTRY - 1998



MBS TRADE STATISTICS DATABASE
JULY 1999

Table 9

Manitoba Exports
To the United States By Industry
1996 - 1998

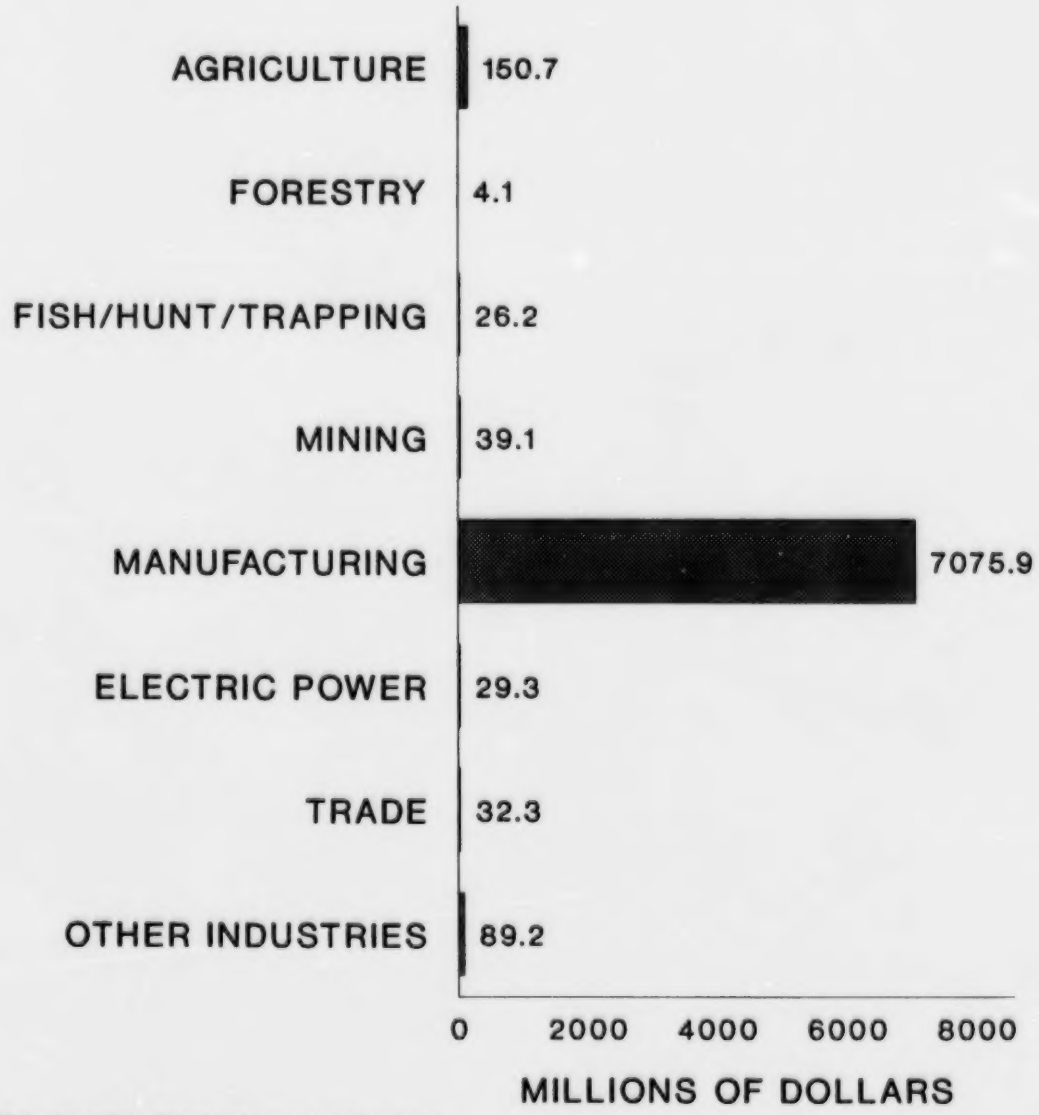
Industry	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change	Percent of Total
Agriculture	618.7	735.7	698.6	-5.0	11.5
Forestry	0.0	0.2	0.6	245.8	0.0
Fishing, Hunting and Trapping	6.4	6.4	6.0	-6.4	0.1
Metal Mines	12.0	6.7	10.4	55.0	0.2
Mineral Fuels	494.4	438.5	311.2	-29.0	5.1
Non-Metal Mines	20.3	25.6	24.7	-3.7	0.4
Quarries and Sandpits	0.6	0.8	0.7	-14.7	0.0
Total Mining	**527.3**	**471.6**	**347.0**	**-26.4**	**5.7**
Food Industries	374.4	446.6	570.2	27.7	9.4
Beverage Industries	2.4	0.9	2.5	178.7	0.0
Tobacco Products Industries	0.0	0.0	0.0	n/a	0.0
Rubber Products Industries	3.7	5.3	6.1	15.1	0.1
Plastics Products Industries	94.0	106.5	135.4	27.1	2.2
Leather and Allied Products Industries	27.1	22.9	17.6	-23.0	0.3
Primary Textile Industries	4.2	8.2	7.3	-10.7	0.1
Textile Products Industries	7.1	6.4	9.6	50.6	0.2
Clothing Industries	72.7	100.9	118.6	17.6	2.0
Wood Industries	191.9	253.2	341.3	34.8	5.6
Furniture and Fixtures Industries	102.1	131.3	130.6	-0.5	2.2
Paper and Allied Products Industries	207.6	202.9	211.5	4.3	3.5
Printing, Publishing and Allied Industries	35.2	54.4	73.1	34.3	1.2
Primary Metals Industries	138.5	337.6	509.4	50.9	8.4
Fabricated Metal Products Industries	42.8	56.4	63.3	12.1	1.0
Machinery Industries	599.2	738.4	695.3	-5.8	11.5
Transportation Equipment Industries	589.7	696.8	991.7	42.3	16.4
Electrical and Electronic Products Industries	219.8	277.5	287.8	3.7	4.7
Non-Metallic Mineral Products Industries	21.5	24.2	34.5	42.8	0.6
Refined Petroleum and Coal Products Industries	67.1	85.9	65.3	-24.0	1.1
Chemical and Chemical Products Industries	83.0	100.4	177.5	76.8	2.9
Miscellaneous Manufacturing Industries	32.6	37.6	42.6	13.2	0.7
Total Manufacturing	**2,916.8**	**3,694.1**	**4,491.3**	**21.6**	**74.1**
Electric Power Industry	284.8	309.8	356.2	15.0	5.9
Wholesale Trade	71.6	70.3	74.9	6.5	1.2
Retail Trade	0.0	0.0	0.1	n/a	0.0
Total Trade	**71.6**	**70.3**	**75.0**	**6.6**	**1.2**
Miscellaneous Industries N.E.S.	40.0	29.0	14.8	-48.8	0.2
Confidential and Low Value Exports (1)	42.2	45.5	73.1	60.7	1.2
TOTAL EXPORTS	**4,507.8**	**5,362.7**	**6,062.6**	**13.1**	**100.0**

Manitoba Bureau of Statistics, July, 1999

Manitoba Trade Statistics Data Base

Note: (1) Includes unclassifiable exports

CHART 6
MANITOBA IMPORTS FROM THE UNITED STATES BY INDUSTRY - 1998



MBS TRADE STATISTICS DATABASE
JULY 1999

Table 10

Manitoba Imports
From the United States By Industry
1996 - 1998

Industry	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change	Percent of Total
Agriculture	111.5	109.7	150.7	37.4	2.0
Forestry	1.0	0.6	4.1	572.9	0.1
Fishing, Hunting and Trapping	12.3	14.0	26.2	86.9	0.4
Metal Mines	32.1	28.7	28.6	-0.5	0.4
Mineral Fuels	0.4	1.8	4.2	138.6	0.1
Non-Metal Mines	2.2	2.8	3.6	30.1	0.0
Quarries and Sandpits	1.5	2.0	2.7	33.4	0.0
Total Mining	**36.2**	**35.3**	**39.1**	**10.8**	**0.5**
Food Industries	308.9	361.5	391.2	8.2	5.3
Beverage Industries	4.9	6.1	6.7	9.8	0.1
Tobacco Products Industries	11.2	4.3	0.3	-92.7	0.0
Rubber Products Industries	140.2	169.7	188.6	11.2	2.5
Plastics Products Industries	124.5	170.5	164.1	-3.7	2.2
Leather and Allied Products Industries	7.6	10.3	14.5	40.5	0.2
Primary Textile Industries	50.0	63.7	68.2	7.1	0.9
Textile Products Industries	54.6	79.7	98.9	24.0	1.3
Clothing Industries	18.6	18.2	20.9	14.8	0.3
Wood Industries	56.0	73.0	69.6	-4.7	0.9
Furniture and Fixtures Industries	55.8	68.8	98.1	42.6	1.3
Paper and Allied Products Industries	146.4	164.9	189.7	15.0	2.5
Printing,publishing and Allied Industries	231.5	250.6	269.8	7.7	3.6
Primary Metals Industries	135.1	201.3	259.6	29.0	3.5
Fabricated Metal Products Industries	252.6	328.6	492.6	49.9	6.6
Machinery Industries	1,157.5	1,530.0	1,635.1	6.9	22.0
Transportation Equipment Industries	1,137.5	1,285.4	1,480.5	15.2	19.9
Electrical and Electronic Products Industries	406.4	449.5	580.7	29.2	7.8
Non-Metallic Mineral Products Industries	54.0	70.1	85.5	22.0	1.1
Refined Petroleum and Coal Products Industries	34.5	46.0	38.7	-16.0	0.5
Chemical and Chemical Products Industries	463.5	525.2	683.2	30.1	9.2
Miscellaneous Manufacturing Industries	176.3	210.0	239.4	14.0	3.2
Total Manufacturing	**5,027.6**	**6,087.5**	**7,075.9**	**16.2**	**95.0**
Electric Power Industry	4.1	1.1	29.3	2,484.1	0.4
Wholesale Trade	31.1	40.2	32.2	-19.9	0.4
Retail Trade	0.1	0.1	0.0	-33.5	0.0
Total Trade	**31.3**	**40.3**	**32.3**	**-19.9**	**0.4**
Miscellaneous Industries N.E.S.	74.2	79.8	80.1	0.4	1.1
Confidential and Low Value Imports (1)	95.4	45.6	9.1	-80.0	0.1
TOTAL IMPORTS	**5,393.7**	**6,413.9**	**7,446.7**	**16.1**	**100.0**

Manitoba Bureau of Statistics, July, 1999 *Manitoba Trade Statistics Data Base*

Note: (1) Excludes repairs which are included in Miscellaneous Industries N.E.S.

Table 11

Manitoba Trade Balance With the United States By Industry 1996 - 1998

Industry	1996	1997	1998	1997 to 1998	1998
		($ 000,000)		Percent Change	Percent of Total
Agriculture	507.2	626.0	547.9	-12.5	-39.6
Forestry	-1.0	-0.4	-3.5	-718.2	0.2
Fishing, Hunting and Trapping	-6.0	-7.6	-20.2	-165.6	1.5
Metal Mines	-20.1	-22.0	-18.2	17.4	1.3
Mineral Fuels	494.0	436.7	307.0	-29.7	-22.2
Non-Metal Mines	18.1	22.8	21.0	-7.8	-1.5
Quarries and Sandpits	-0.9	-1.2	-2.0	-67.9	0.1
Total Mining	**491.1**	**436.4**	**307.9**	-29.4	**-22.2**
Food Industries	65.5	85.1	179.0	110.3	-12.9
Beverage Industries	-2.5	-5.2	-4.2	19.1	0.3
Tobacco Products Industries	-11.2	-4.3	-0.3	93.4	0.0
Rubber Products Industries	-136.5	-164.4	-182.5	-11.0	13.2
Plastics Products Industries	-30.5	-64.0	-28.7	55.1	2.1
Leather and Allied Products Industries	19.6	12.5	3.1	-75.4	-0.2
Primary Textile Industries	-45.8	-55.4	-60.9	-9.8	4.4
Textile Products Industries	-47.5	-73.3	-89.3	-21.7	6.4
Clothing Industries	54.1	82.7	97.7	18.2	-7.1
Wood Industries	135.9	180.2	271.7	50.8	-19.6
Furniture and Fixtures Industries	46.3	62.5	32.6	-47.9	-2.4
Paper and Allied Products Industries	61.1	38.0	21.9	-42.5	-1.6
Printing,publishing and Allied Industries	-196.2	-196.2	-196.7	-0.3	14.2
Primary Metals Industries	3.4	136.2	249.8	83.4	-18.0
Fabricated Metal Products Industries	-209.7	-272.1	-429.3	-57.8	31.0
Machinery Industries	-558.3	-791.6	-939.8	-18.7	67.9
Transportation Equipment Industries	-547.8	-588.7	-488.8	17.0	35.3
Electrical and Electronic Products Industries	-186.6	-172.1	-292.9	-70.2	21.2
Non-Metallic Mineral Products Industries	-32.5	-45.9	-51.0	-11.1	3.7
Refined Petroleum and Coal Products Industries	32.6	39.9	26.6	-33.2	-1.9
Chemical and Chemical Products Industries	-380.5	-424.8	-505.7	-19.0	36.5
Miscellaneous Manufacturing Industries	-143.7	-172.3	-196.8	-14.2	14.2
Total Manufacturing	**-2,110.8**	**-2,393.4**	**-2,584.6**	-8.0	**186.7**
Electric Power Industry	280.7	308.7	326.9	5.9	-23.6
Wholesale Trade	40.4	30.1	42.7	41.8	-3.1
Retail Trade	-0.1	-0.1	0.0	147.0	0.0
Total Trade	**40.3**	**30.0**	**42.7**	42.1	**-3.1**
Miscellaneous Industries N.E.S.	-34.2	-50.8	-65.2	-28.4	4.7
Confidential and Low Value Imports (2)	-53.2	-0.1	64.0	58,913.9	-4.6
TOTAL TRADE BALANCE	**-885.9**	**-1,051.3**	**-1,384.1**	-31.7	**100.0**

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Note (1) Given that the overall Trade Balance is negative, a positive percent of total implies that the specific Trade Balance is negative
(2) Excludes repairs which are included in Miscellaneous Industries N.E.S. for imports

Table 12

Manitoba Export to Import Ratio
Trade with the United States By Industry
1996 - 1998

Industry	1996	1997	1998
		(Per Dollar of Imports)	
Agriculture	5.55	6.71	4.64
Forestry	0.03	0.31	0.16
Fishing, Hunting and Trapping	0.52	0.46	0.23
Metal Mines	0.37	0.23	0.36
Mineral Fuels	1,300.55	250.39	74.49
Non-Metal Mines	9.04	9.20	6.81
Quarries and Sandpits	0.41	0.42	0.27
Total Mining	**14.56**	**13.37**	**8.88**
Food Industries	1.21	1.24	1.46
Beverage Industries	0.48	0.15	0.37
Tobacco Products Industries	0.00	0.00	0.09
Rubber Products Industries	0.03	0.03	0.03
Plastics Products Industries	0.76	0.62	0.82
Leather and Allied Products Industries	3.59	2.21	1.21
Primary Textile Industries	0.08	0.13	0.11
Textile Products Industries	0.13	0.08	0.10
Clothing Industries	3.91	5.54	5.68
Wood Industries	3.43	3.47	4.90
Furniture and Fixtures Industries	1.83	1.91	1.33
Paper and Allied Products Industries	1.42	1.23	1.12
Printing, Publishing and Allied Industries	0.15	0.22	0.27
Primary Metals Industries	1.03	1.68	1.96
Fabricated Metal Products Industries	0.17	0.17	0.13
Machinery Industries	0.52	0.48	0.43
Transportation Equipment Industries	0.52	0.54	0.67
Electrical and Electronic Products Industries	0.54	0.62	0.50
Non-Metallic Mineral Products Industries	0.40	0.34	0.40
Refined Petroleum and Coal Products Industries	1.95	1.87	1.69
Chemical and Chemical Products Industries	0.18	0.19	0.26
Miscellaneous Manufacturing Industries	0.18	0.18	0.18
Total Manufacturing	**0.58**	**0.61**	**0.63**
Electric Power Industry	70.09	273.22	12.16
Wholesale Trade	2.30	1.75	2.32
Retail Trade	0.08	0.00	1.71
Total Trade	**2.29**	**1.75**	**2.32**
Miscellaneous Industries N.E.S.	0.54	0.36	0.19
Confidential and Low Value Exports/Imports (1)	0.44	1.00	8.02
TOTAL EXPORTS	**0.84**	**0.84**	**0.81**

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Note: (1) Includes unclassifiable exports/imports